

### Abstract

An ink for ink jet recording having a phthalocyanine dye dissolved and/or dispersed in an aqueous medium, characterized in that the aforementioned phthalocyanine dye is a water-soluble dye having an oxidation potential of more positive than 1.0 and the conductivity of the aforementioned ink is from not 0.01 S/m to not greater than 10 S/m. A process for the production of the aforementioned ink for ink jet recording which comprises a step of applying ultrasonic vibration and/or a step of filtering using a filter having pores of an effective diameter of not greater than 1  $\mu\text{m}$  and defoaming the ink and an ink jet recording process using these inks.

In accordance with such a constitution, an ink for ink jet recording and an ink jet recording process can be provided which exhibit a high ejection stability, give an image having an excellent hue and preservability (weathering resistance, water resistance) and provide an image with a high quality.